

4806.**

2,8 MM (.110) UP-TBI LOW INSERTION TERMINALS - BASED ON STANDARD DESIGN



Description End feed Receptacles low insertion for tab 2,8 x 0,3 (Rear dimple)

Wire section range 0,5 – 1,0 mm² (AWG 20 – 18)

Max. Insulator Ø 2,5 mm



Materials, Temperature

Part nr.	Material	Finishing	Max. Temp. (C°)
4806.00	Brass	Natural	110
4806.02	Brass	Tin plated	120
4806.30	Bronze	Natural	120
4806.32	Bronze	Tin plated	130

Note: Max. recommended temperature

Material thickness 0,25 mm

Max. Rated current

Maximum Current values.

Values of the table show the recommended maximum current values, limited by the cross section of the cable used. These maximum values also depend on the ambient temperature, and can be reduced depending on the working conditions. For more precise information about the maximum rating current applicable in each case, consult the "Temperature Rise" and "De-rating" curves.

Wire section (mm ²)	Current (A)
0,50	6
0,75	8
1,00	8

Insertion/Withdrawal forces

1 st . Insertion	20 N Max
1 st . Withdrawal	30 N Max
10 th Withdrawal	5 N Min

Application tool MN4406

Wire striping length 3.8 (±0.5) mm

Crimping parameters &

Pull out force

Wire section (mm ² ±10%)		Conductor (mm)		Insulator (mm)	Pull-out force (N)	
Nominal	Actual	Height (±0,05)	Width (measured)	Width (measured)	DIN64249	ESCUBEDO
0,50	0,45	1.00	2.03	3.06	≥ 60	≥ 70
0,75	0,71	1.10	2.04	3.04	≥ 70	≥ 80
1,00	0,93	1.20	2.05	3.04	≥ 80	≥ 90

Note: Values only valid for the application tool specified upwards. The insulator widths are only indicative as they are dependent on the sheath thickness of the wire used.

Packaging 15000 Pieces on 300 mm Ø x 160 mm. wide cardboard reel, 16.5 mm terminal chain pitch

4806.**

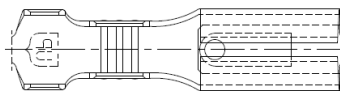
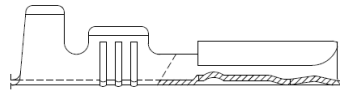
2,8 MM (.110) UP-TBI LOW INSERTION TERMINALS - BASED ON STANDARD DESIGN



Drawing

Approvals

- RoHS Compliant



Connectors Compatibility

Part Number	Nº of Ways	Color	Polietilene	PA66 V2	PA66 V0	PA66 NF	
2282000	1	Natural	x				
2282010				x		x	
2282040							
2281010					x		
2281030							x
2281040							x
2281110					x		
2281130						x	
2281140							x
2281210					x		
2281230							x
2281240							x

Note: For others materials and colours consult the specific datasheet

Disclaimer

Data obtained from Escubedo Laboratory essays, using own methodology, cablings, equipment and original crimping tools, done in laboratory conditions and following the indicated standards, errors and omissions excepted. This document has no contractual meaning and it is publicised only for informative purposes. It can be changed without prior notice. The end customer has the sole responsibility to check these characteristics in its environment and with its own components, manufacturing methods and equipment. See also the full range product overview if available. For further information please visit our web site or contact us.

Rev. Nr.	Concept	Date	Created/Revised	Approved
1	Creation	26/08/2015	D.Martinez / E.Roura	D.Martinez